

Maples of the Hoang Lien Mountains, North-West Vietnam

Dan Crowley, Dendrologist

The Hoang Lien Son Conservation Initiative (HLSCI)



The Hoang Lien Son Conservation Initiative (HLSCI)



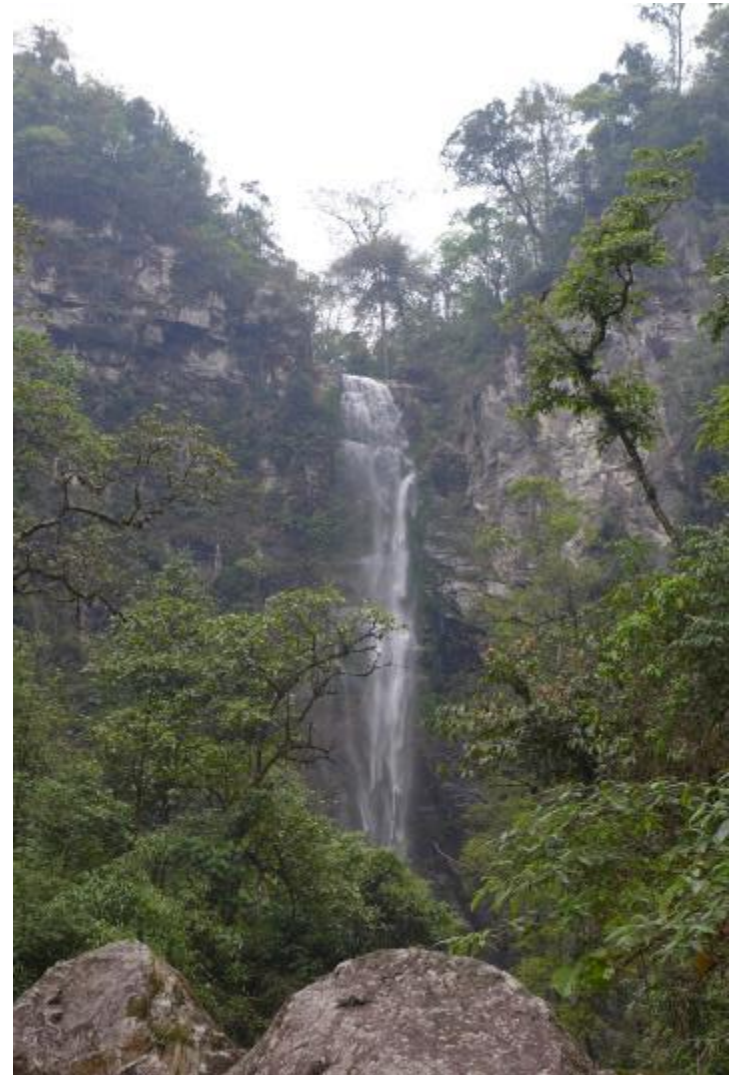
- A series of research projects and actions aimed at understanding and conserving the floristic and biocultural diversity of the Hoang Lien Son area.

Lead by:

Vietnam Institute for Ecology and
Biological Resources

UBC Botanical Garden

Atlanta Botanical Garden



The Hoang Lien Son Conservation Initiative (HLSCI)



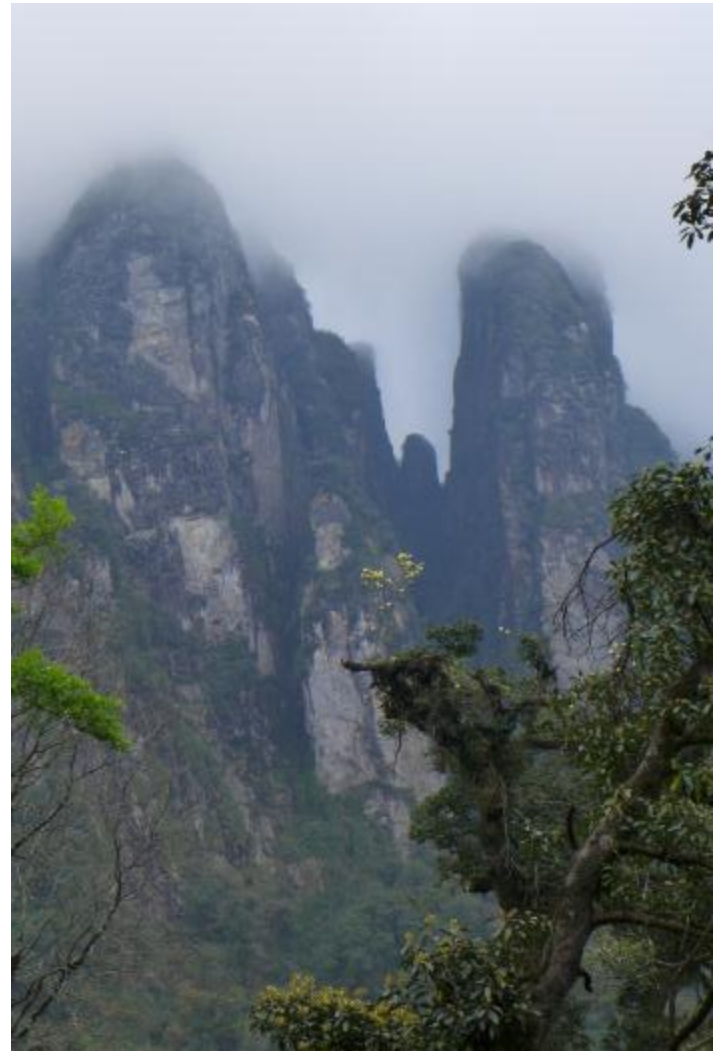
In Collaboration with:

Crûg Farm Plants

Heronswood Botanical Garden

University of Georgia

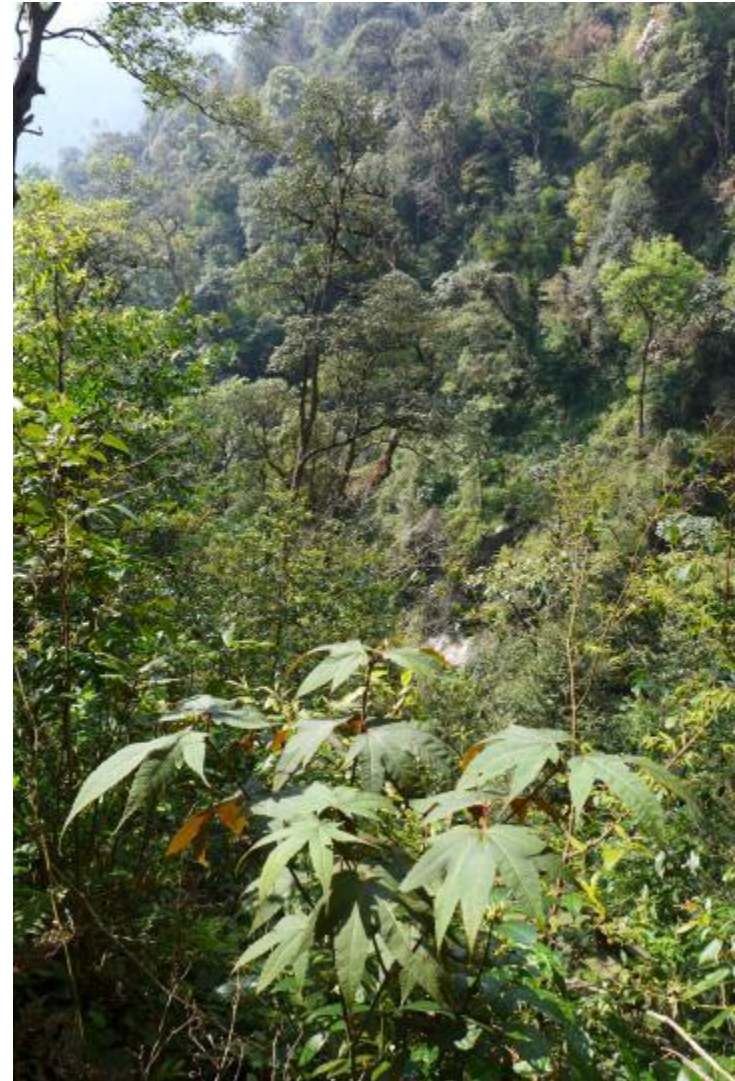
Westonbirt, The National Arboretum

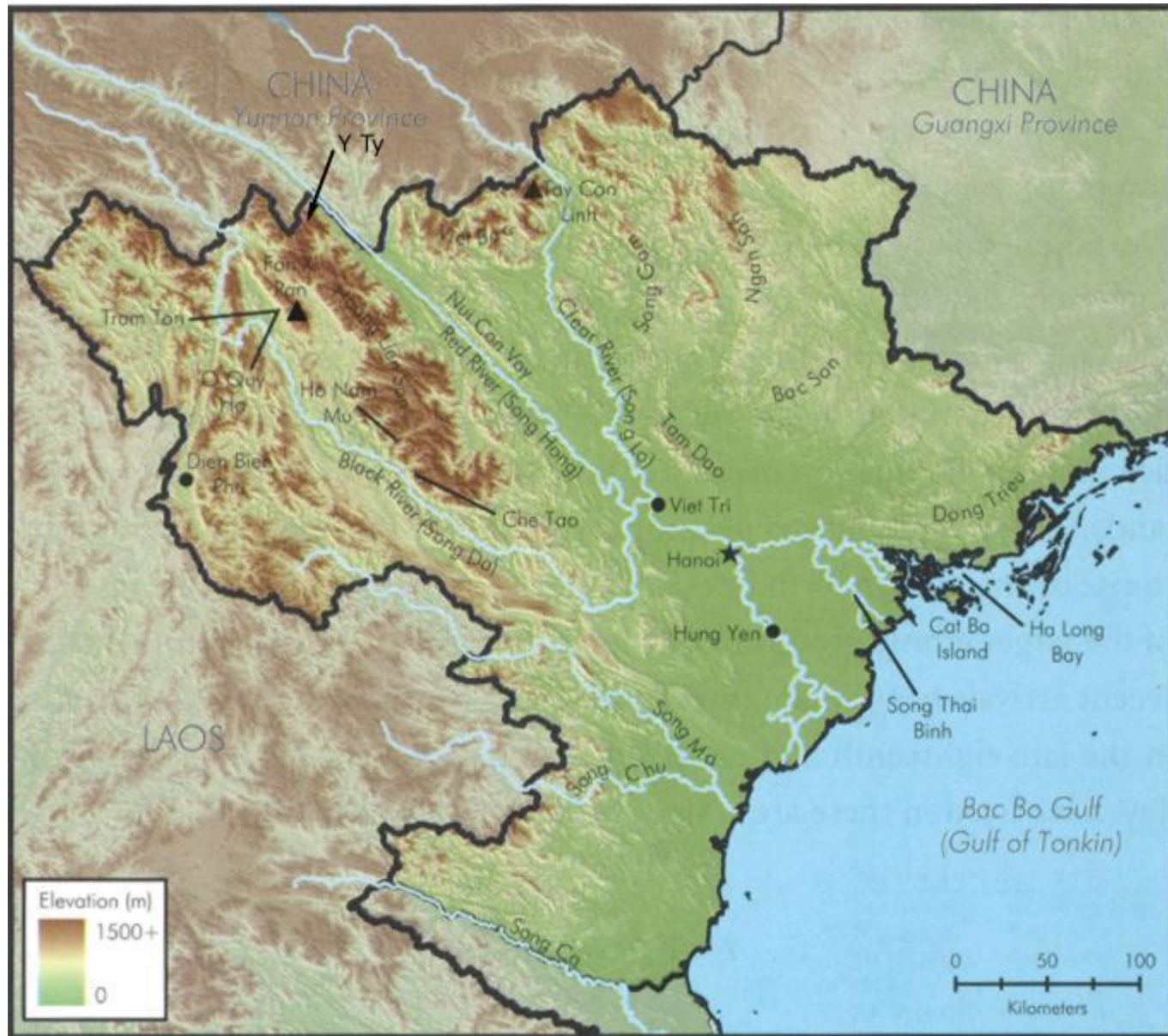


The Hoang Lien Son Conservation Initiative (HLSCI)



As part of this initiative, focus is being put on the cataloging of selected plant groups in order to inform future conservation work, including *Acer*...





The Hoang Lien Mountains



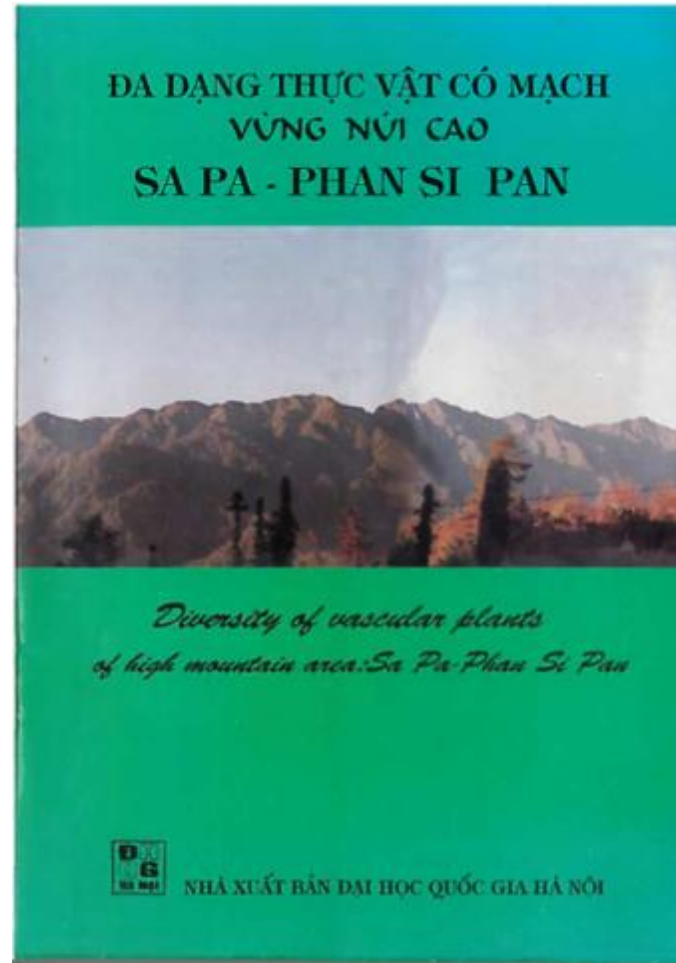
Bretschneidera sinensis



Disanthus ovatifolius

- Centre of Plant diversity
- 25% of Vietnamese endemics found within the Hoang Lien Mountains
- 10% of these found on Fan Xi pan

Nguyễn and Nguyễn (1998), Diversity of Vascular Plants of High Mountain Area: Sa Pa – Phan Si Pan



Nguyễn and Nguyễn (1998), Diversity of Vascular Plants of High Mountain Area: Sa Pa – Phan Si Pan



Section *Palmata*

Acer campbellii var. *fantsipanense**

Acer fabri

Acer fargesii

Acer fenzelianum

Acer flabellatum var. *yunnanense**

Acer laevigatum

Acer oliverianum

*Acer tonkinense**

Acer tonkinense subsp.

liquidambarifolium

Section *Macrantha*

Acer davidii

Acer forrestii

Acer sikkimense

Acer brevipes

Nguyễn and Nguyễn (1998), Diversity of Vascular Plants of High Mountain Area: Sa Pa – Phan Si Pan



Section *Pentaphylla*

Acer pentaphyllum

Section *Platanoidea*

Acer amplum

Acer chapaense

Section *Oblonga*

Acer oblongum var. *concolor*

Section *Hyptiocarpa*

Acer laurinum var. *petelotii*

Section *Lithocarpa*

Acer franchetii

Section *Palmata*



Nguyễn and Nguyễn (1998), Diversity of Vascular Plants of High Mountain Area:
Sa Pa – Phan Si Pan

Acer campbellii var.

*fantsipanense**

Acer fabri

Acer fargesii

Acer fenzelianum

Acer flabellatum var.

*yunnanense**

Acer laevigatum

Acer oliverianum

*Acer tonkinense**

Acer tonkinense subsp.

liquidambarifolium

Section *Palmata* – *Acer* aff. *campbellii*



BSWJ 11713

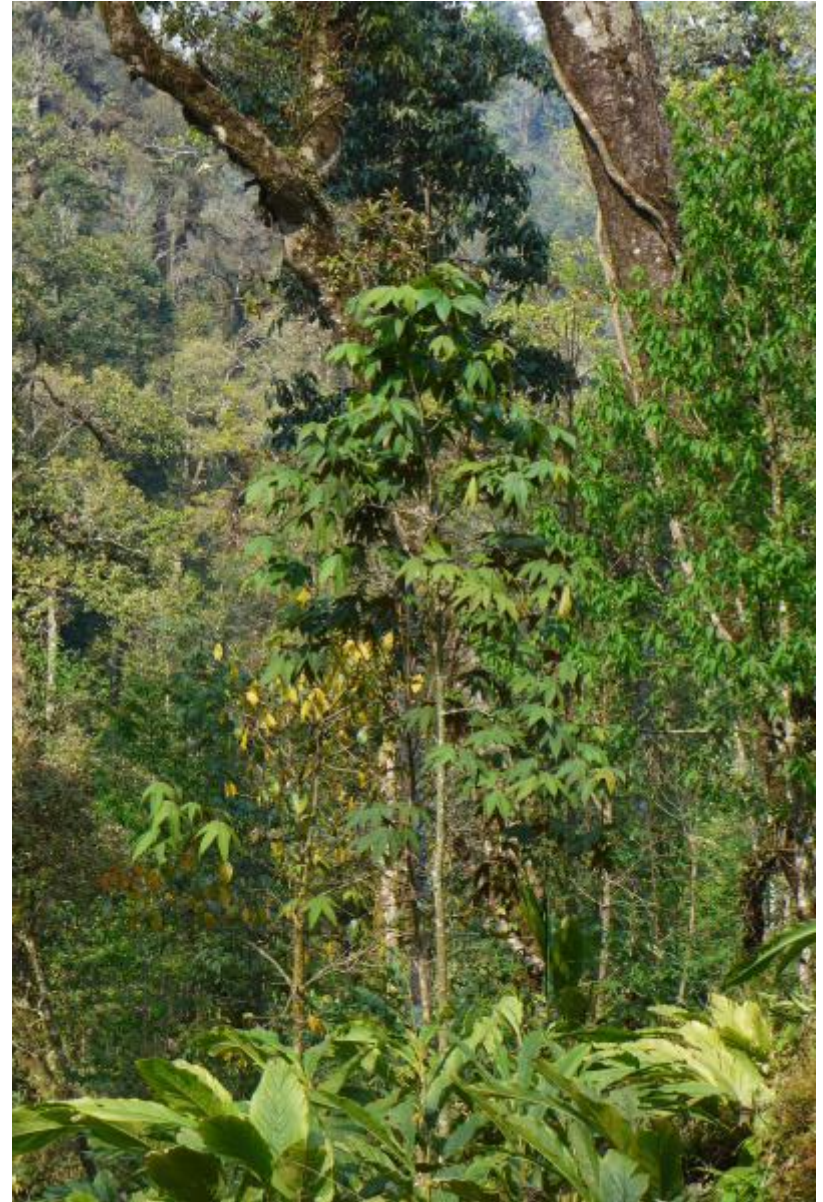


FMWJ 13369

Section *Palmata* – *Acer* aff. *campbellii*



HNUBC 299 (left)



Section *Palmata* – *Acer* aff. *campbellii*



HNUBC 316

Section *Palmata* – *Acer* aff. *campbellii*



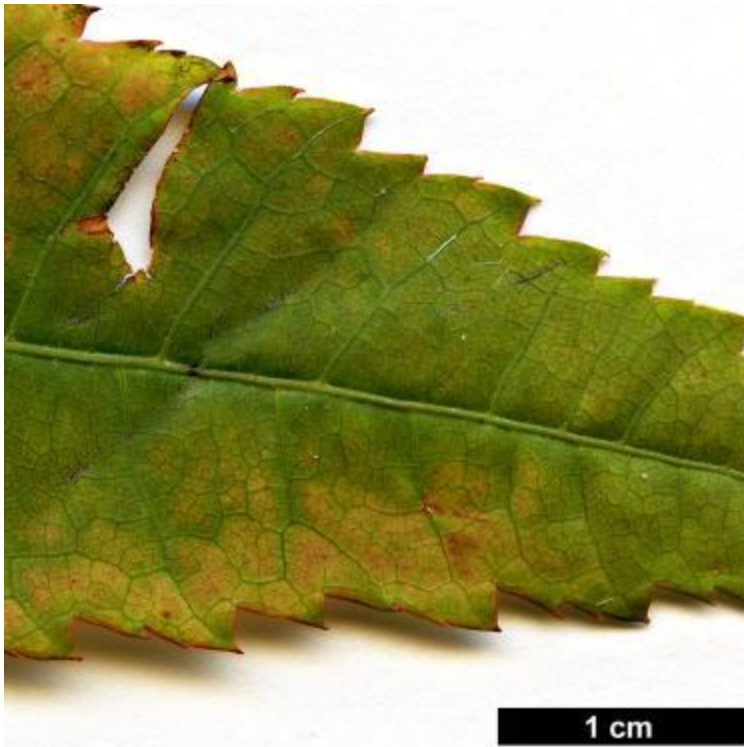
HNUBC 199 (both)

Section *Palmata* – *Acer* aff. *campbellii*



HNUBC 316 (both)

Section *Palmata* – *Acer campbellii*
var. *fantsipanense* nom. illeg. ...



BSWJ 11713 *Acer aff. campbellii* (VN)



MF 93038 *Acer campbellii*

Acer heptaphlebium



Tam Dao, Vĩnh Phúc Province

Section *Palmata* – *Acer laevigatum*



BSWJ 11698

Section *Palmata* – *Acer laevigatum*



KR 2341



Section *Palmata* – *Acer laevigatum*



HNUBC 391

Section *Palmata* – *Acer laevigatum*



BSWJ 11733

Section *Palmata* – *Acer fenzelianum*



DJHV 06173



Section *Macrantha*



Nguyễn and Nguyễn (1998),
Diversity of Vascular Plants of High
Mountain Area: Sa Pa – Phan Si Pan

Acer davidii

Acer forrestii

Acer sikkimense

Acer brevipes



Section *Macrantha* – *Acer* aff. *pectinatum*



BSWJ 8270



Section *Macrantha* – *Acer* aff. *pectinatum*



BSWJ 8270



HWJ 569. photo credit: H. C. Angus

Section *Macrantha* – *Acer* ~~*brevipes*~~ *sikkimense* var. *serrulatum*



Section *Macrantha* – *Acer sikkimense* var. *serrulatum*



WWJ 11703

Section *Lithocarpa* – *Acer sterculiaceum* subsp. *sterculiaceum*



Nguyễn and Nguyễn (1998),
Diversity of Vascular Plants of High Mountain

Area: Sa Pa – Phan Si Pan

Acer franchetii



HNUBC 120



Section *Lithocarpa* – *Acer* *sterculiaceum* subsp. *sterculiaceum*



Section *Platanoidea* – *Acer chapaense*



Nguyễn and Nguyễn (1998), Diversity of Vascular Plants of High Mountain Area: Sa Pa – Phan Si Pan

Acer amplum

Acer chapaense



Seedling of KR 2370



Section Platanoidea – *Acer pictum*



Nguyễn and Nguyễn (1998), Diversity of Vascular Plants of High Mountain Area: Sa Pa – Phan Si Pan

Acer amplum

Acer chapaense



DJHV 144

Section Hyptiocarpa – *Acer laurinum*



Nguyễn and Nguyễn (1998), Diversity
of Vascular Plants of High Mountain Area: Sa
Pa – Phan Si Pan

Acer laurinum var. *petelotii*



WWJ 11851



Where next?...



Thank you!



Arboretum Wespelaar

the friends
of Westonbirt
Arboretum
Registered Charity 293190



Questions...

